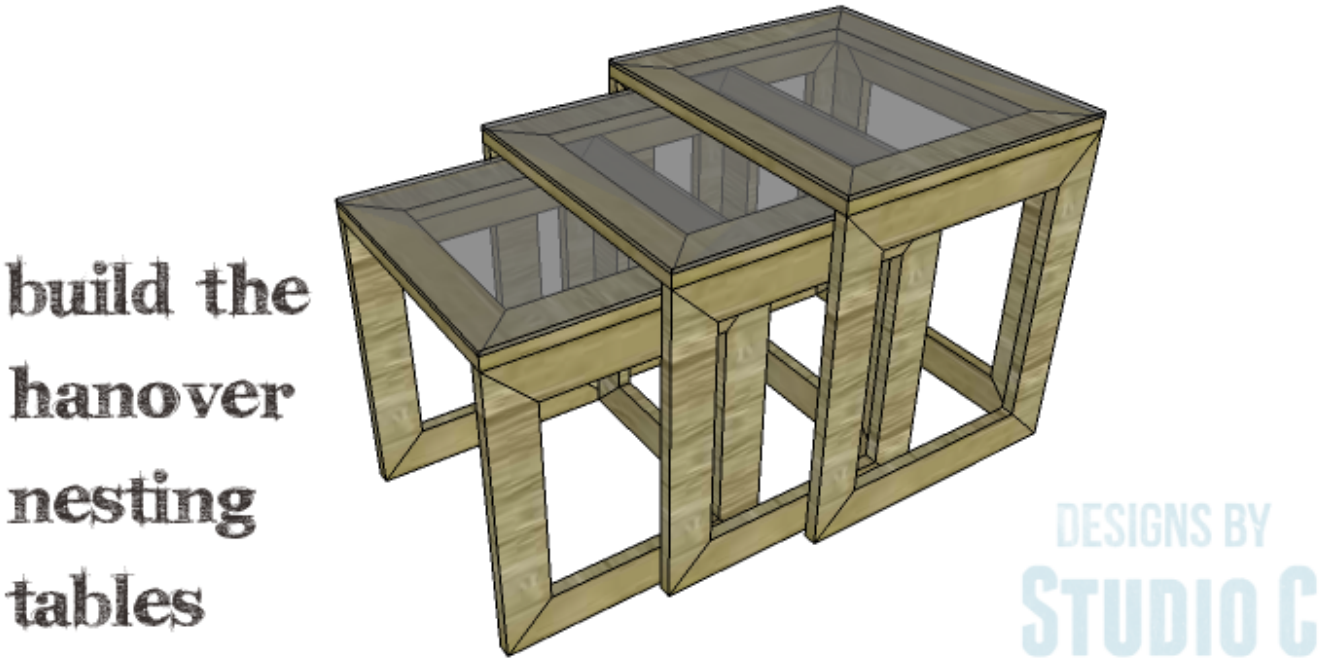
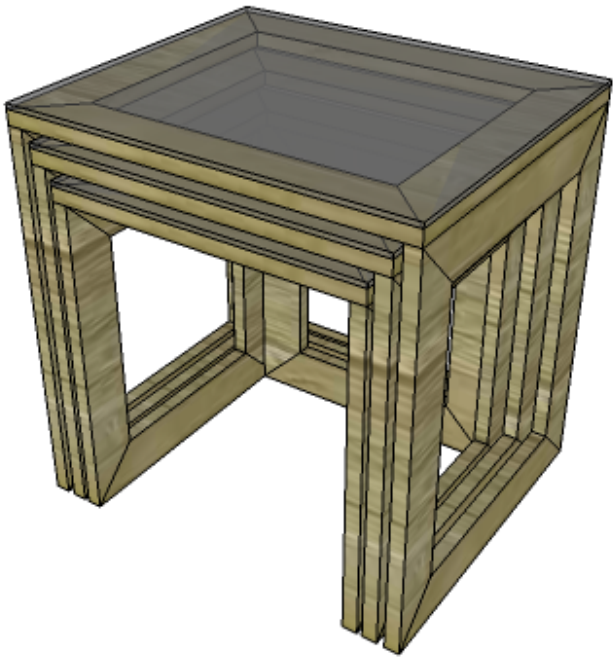
Nesting Tables for Any Place in the Home

DIY Furniture Plans to Build the Hanover Nesting Tables

These little tables would be the perfect pieces to use indoors or outdoors. The DIY furniture plans to build the Hanover Nesting Tables each feature leg frames and a top with mitered edges plus a Plexiglas top. The top can be easily screwed down with large headed screws for an industrial look and the frames can be assembled using a biscuit joiner or pocket hole screws.





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Materials:

- 1-1/4″ pocket hole screws OR
- #10 Biscuits
- 1-3/4″ brad nails
- 1/4″ Plexiglass
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

Tools needed:

- Miter saw or Circular saw
- Drill
- Pocket hole jig or biscuit joiner
- Pneumatic brad nailer with compressor
- Sander

Lumber:

- 13 – 1×3 at 8′

Cut List:

For the Large Table:

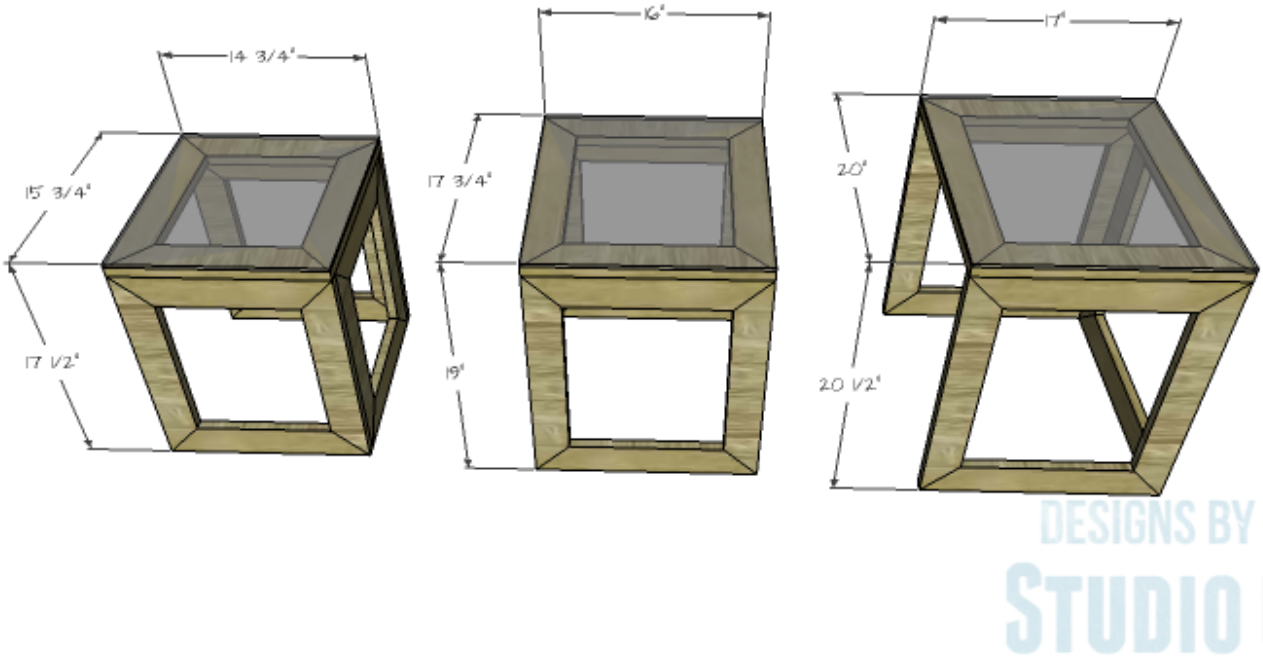
- 4 – 1×3 at 19-1/2″ – Vertical Side Frame Pieces
- 4 – 1×3 at 17″ – Horizontal Side Frame Pieces
- 2 – 1×3 at 19-1/2″ – Vertical Back Frame Pieces
- 2 – 1×3 at 20″ – Horizontal Back Frame Pieces
- 2 – 1×3 at 17″ – Top Frame Pieces
- 2 – 1×3 at 20″ – Top Frame Pieces
- 1 – 1/4″ Plexiglas at 17″ x 20″ – Top

For the Medium Table:

- 4 – 1×3 at 18″ – Vertical Side Frame Pieces
- 4 – 1×3 at 16″ – Horizontal Side Frame Pieces
- 2 – 1×3 at 18″ – Vertical Back Frame Pieces
- 2 – 1×3 at 17-3/4″ – Horizontal Back Frame Pieces
- 2 – 1×3 at 16″ – Top Frame Pieces
- 2 – 1×3 at 17-3/4″ – Top Frame Pieces
- 1 – 1/4″ Plexiglas at 16″ x 17-3/4″ – Top

For the Small Table:

- 4 – 1×3 at 16-1/2″ – Vertical Side Frame Pieces
- 4 – 1×3 at 14-3/4″ – Horizontal Side Frame Pieces
- 2 – 1×3 at 16-1/2″ – Vertical Back Frame Pieces
- 2 – 1×3 at 15-3/4″ – Horizontal Back Frame Pieces
- 2 – 1×3 at 14-3/4″ – Top Frame Pieces
- 2 – 1×3 at 15-3/4″- Top Frame Pieces
- 1 – 1/4″ Plexiglas at 14-3/4″ x 15-3/4″ – Top



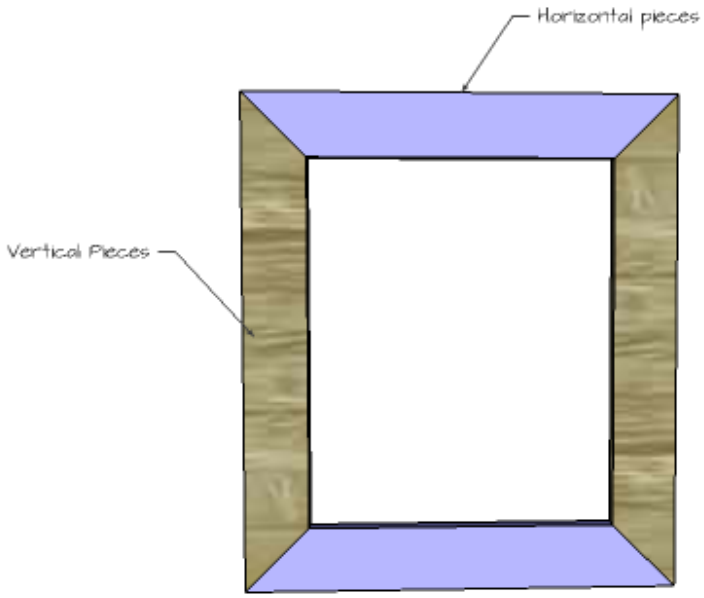
Click on the drawings for a larger view!

Notes: Each of the tables are constructed in the same manner therefore assembly for one table is shown.

Step One

Cut the pieces for the side frames. If using pocket holes to assemble the table, drill them in each mitered edge of the vertical side pieces. Assemble the side frames using glue and 1-1/4″ pocket hole screws.

If using a biscuit joiner, cut the slots in each mitered end of each piece. Apply glue to the slots in each end of the vertical pieces and insert the biscuits. Apply glue to the slots of each end of the horizontal frame pieces and assemble the frame. Use a regular clamps or a picture frame clamp to keep everything square until the glue is dry.



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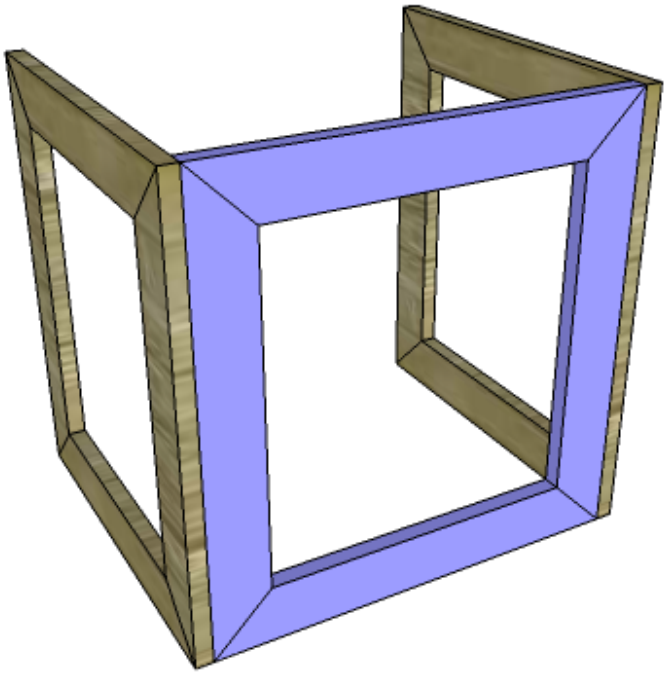
Step Two

Cut the pieces for the back frame.

If using pocket holes to assemble the table, drill them in each mitered edge of the vertical side pieces. Assemble the side frames using glue and 1-1/4″ pocket hole screws.

If using a biscuit joiner, cut the slots in each mitered end of each piece. Apply glue to the slots in each end of the vertical pieces and insert the biscuits. Apply glue to the slots of each end of the horizontal frame pieces and assemble the frame. Use a regular clamps or a picture frame clamp to keep everything square until the glue is dry.

Once the glue is dry, secure the side frames to each side edge of the back frame using glue and 1-3/4″ brad nails.



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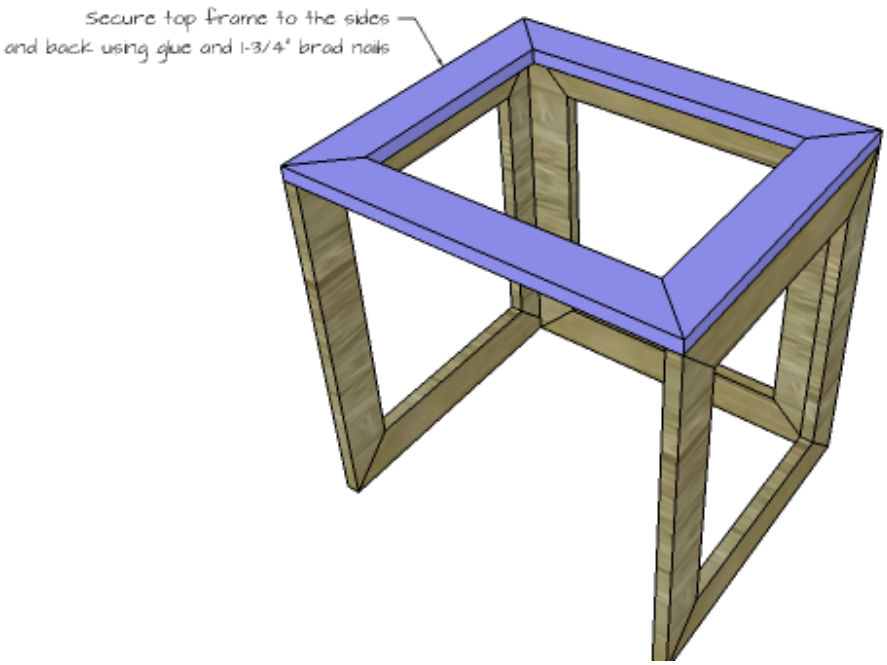
Step Three

Cut the pieces for the top frame.

If using pocket holes to assemble the table, drill them in each mitered edge of the vertical side pieces. Assemble the side frames using glue and 1-1/4″ pocket hole screws.

If using a biscuit joiner, cut the slots in each mitered end of each piece. Apply glue to the slots in each end of the longer pieces and insert the biscuits. Apply glue to the slots of each end of the shorter frame pieces and assemble the frame. Use a regular clamps or a picture frame clamp to keep everything square until the glue is dry.

Once the glue is dry, secure the top frame to each top edge of the side and back frames using glue and 1-3/4″ brad nails.



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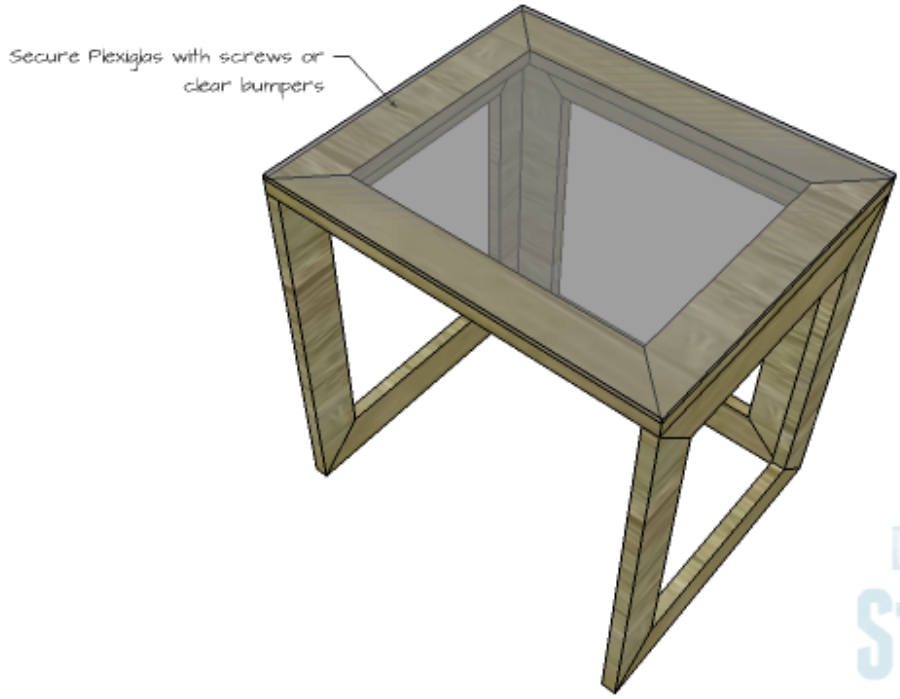
Step Four

Cut the Plexiglas to fit the top of each table. The tops can be screwed in place (with pre-drilled holes) or clear bumpers can be adhered to the bottom of the Plexiglas to sort of hold the tops in place.



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Finish the table frames as desired.

For outdoor use, the table frames will have to be constructed from treated lumber or cedar. have any questions about the DIY furniture plans to build the Hanover Nesting Tables? Leave a comment below!